CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

- 1 1. A transmission cable having an end, the transmission cable comprising:
- 2 a transmission medium;
- an outer jacket disposed about the transmission medium; and
- an end cap swaged on said end of the transmission cable.
- 1 2. The transmission cable of claim 1, wherein the end cap comprises a metal.
- 1 3. The transmission cable of claim 1, wherein the end cap comprises aluminum.
- 1 4. The transmission cable of claim 1, wherein the end cap comprises a shape that
- 2 aids in installation of the transmission cable.
- 1 5. The transmission cable of claim 1, wherein the end cap comprises a conical shape.
- 1 6. The transmission cable of claim 1, wherein the end cap comprises a ring
- configured to aid in pull-through installation of the cable.
- 4 7. The transmission cable of claim 1, wherein the end cap comprises an eye
- 5 configured to aid in pull-through installation of the cable.
- 1 8. The transmission cable of claim 1, wherein the end cap captures the transmission
- 2 medium in a manner that renders it substantially immovable.
- 1 9. The transmission cable of claim 1, wherein the end cap completely seals internal
- 2 components of the cable from external environment.3

- 1 10. The transmission cable of claim 1, wherein the transmission cable further
- 2 comprises:
- a water-blocking material disposed about the transmission medium;
- a core tube disposed between the transmission medium and the outer jacket; and
- 5 strength members disposed about the core tube, wherein the transmission
- 6 medium, outer jacket, water-blocking material, core tube and strength members comprise
- 7 the components of said cable.
- 1 11. The transmission cable of claim 10, wherein the end cap captures all components
- 2 of the transmission cable in a manner that renders them substantially immovable.
- 1 12. The transmission cable of claim 1, wherein the transmission medium is an optical
- 2 fiber.

- 1 13. A method of producing a transmission cable having an end, and the method
- 2 comprising the steps of:
- providing a transmission cable including a transmission medium and an
- 4 outer jacket disposed about the transmission medium; and
- 5 swaging an end cap on said end of the transmission cable.
- 1 14. The method of claim 13, wherein the step of providing a transmission cable
- 2 comprises:
- 3 providing a transmission cable including an optical fiber.
- 1 15. The method of claim 13, wherein the step of swaging an end cap comprises:
- 2 swaging a metal end cap on the transmission cable.
- 1 16. The method of claim 13, wherein the step of swaging an end cap comprises:
- 2 swaging an aluminum end ap on the transmission cable.
- 1 17. The method of claim 13, wherein the step of swaging an end cap comprises:
- 2 swaging an end cap on the transmission cable, wherein the end cap is shaped to
- 3 aid in installation of the transmission cable.
- 1 18. The method of claim 13, wherein the step of swaging an end cap comprises:
- 2 swaging an end cap on the transmission cable, wherein the end cap comprises a
- 3 conical shape.
- 1 19. The method of claim 13, wherein the step of swaging an end cap comprises:
- 2 swaging an end cap on the transmission cable, wherein the end cap comprises a
- 3 ring
- 1 20. The method of claim 13, wherein the step of swaging an end cap comprises:



- 2 capturing the transmission medium in a manner that renders it substantially
- 3 immovable



- 1 21. A method of installing a transmission cable, comprising:
- 2 providing a transmission cable, wherein the cable includes
- 3 an aerodynamically-shaped end cap swaged on an end of the cable; and
- 4 installing the cable by jetting installation.

1	22.	A method of installing a transmission cable, comprising:
2		providing a means for pulling the cable;
3		providing a transmission cable, wherein the cable includes
4		an end cap swaged on an end of the cable, and
5		an eye on the end cap;
5		attaching the means for pulling the cable to the eye of the end cap; and
7		pulling the cable through a space in which it is being installed.